

44105 Cobalt Green, slightly bluish

Color Index: Pigment Green 50, C.I. 77377
Co-Li-Zn-titanate, chromium- and nickel-free

CAS No.: 68186-85-6
EINECS: 269-047-4

A bright green powder produced by high temperature calcination. This pigment has good UV and visible opacity, is chemically inert, and heat resistant. It is non-bleeding and non-migratory. It has good durability and hiding power, and is generally used in applications where resistance to heat, and chemical attack are required. It is compatible with most resin systems and polymers, and is non-warping and has a wide array of regulatory approvals. Typical applications (non inclusive) are liquid and powder coatings, inks, dispersions, plastics, concrete, and other applications where equivalent pigment chemistry is used. It does not contain nickel or chromium.

Physical Properties:

Density	4.3 g/cm ³
Bulk Density	0.45 kg/l
Oil Absorption	13 g / 100 g
Mean Particle Size	0.8 µm
pH Value	9.5
Heat Stability	500°C / 1500°F
Conductivity	49 µS/cm
Surface Area (BET)	4.1 m ² /g
Sieve Residue (323 mesh / 45 µm)	< 0.01 %
Percent moisture	< 0.1 %